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Subject: Re: Need help with CPU shortage  
Posted by [maratrus](#) on Thu, 18 Jun 2009 08:59:18 GMT  
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Quote:

So CPUS override the CPULIMIT variable ?

Not sure what you have in mind. I'd rather give an example. Let's assume that HN has 2 CPUs.  
The first configuration:

- CPULIMIT=100, CPUS is not set.

In this case a CPU-intensive task may assume no more than 100% of a single CPU but CPU itself is not specified so the task might be migrated from one CPU to another quite frequent. Migration from one to another CPU is a very expensive operation when talking about performance.

- CPUS=1, CPULIMIT is not set.

In this case a CPU-intensive task may assume no more than 100% of a single CPU which is specified quite well with CPUS variable so the task is not migrated between different CPUS and this behavior eliminates a lot of performance losses.

Quote:

i have installed vzsplint (but I do not know the version), you think i can trust in it ?

I think yes. It constructs a basic configuration which you can tune afterward.

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